



Missouri Department of Health

TO: Local health agencies, Missouri Department of Health District Offices, Hospital Infection Control Practitioners and Infectious Disease Specialists, Veterinarians, Missouri Influenza Sentinel Physicians, and Other State Infectious Disease Directors

FROM: Howard Pue, DVM, MS, Section Chief
Communicable Disease Control and Veterinary Public Health

SUBJECT: Monthly Communicable Disease Update (**Provisional**) November 2000
(through week 48 ending December 2, 2000)

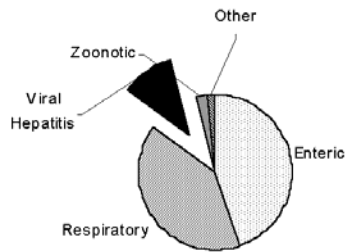
DATE: December 12, 2000

The Section of Communicable Disease Control and Veterinary Public Health will be publishing a monthly update on selected reported communicable diseases. The Section is responsible for reportable communicable diseases without federal funding. This information may also be found on the Missouri Department of Health (MDOH) Homepage at www.health.state.mo.us under Diseases & Conditions.

Educational literature may also be found at this web site in the Publications Section.

The After Hours Emergency Number for the Missouri Department of Health is (573) 751-4674. Diseases can be reported to the local health authority or the Missouri Department of Health at (800) 392-0272.

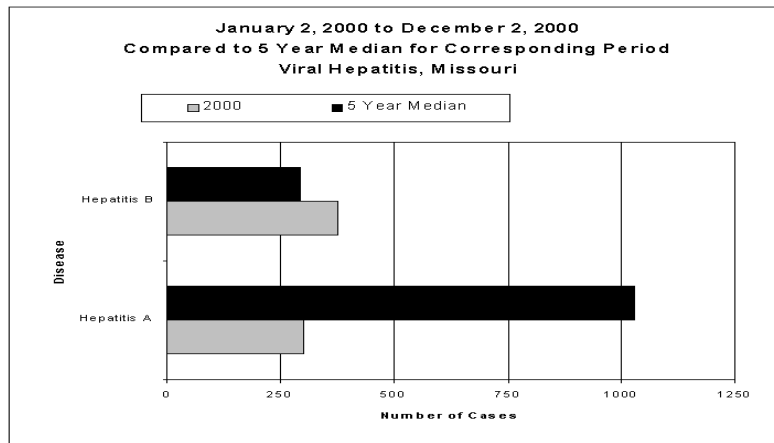
Reported Diseases by Category
Missouri, Year-To-Date
January 2* - December 2, 2000



Each month a different "slice of the pie" is described in the chart to the right.

*Reporting year 2000 began January 2, 2000.

See below for list of diseases in each category.



Reported Cases of Selected Diseases by Category

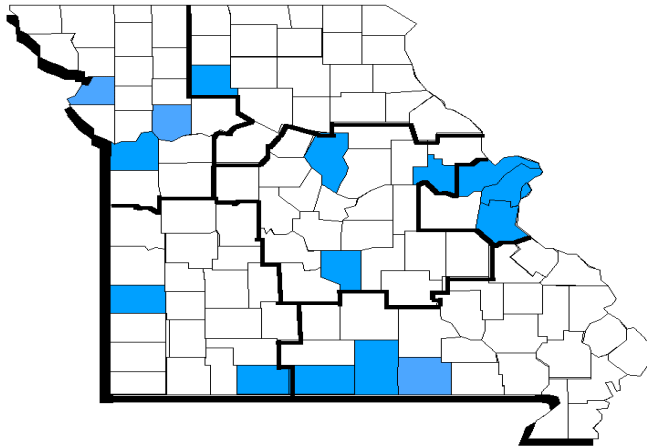
	2000	2000	1999	5 Year Median		% Change	Number of Cases, Nov 2000 by Health District						
	Nov	YTD	YTD	YTD		5 Year Median	CD	ED	NE	NW	SE	SW	Unk
Enteric Diseases													
Cam pylobacteriosis	31	585	521	522	+	12.07%	5	14	0	1	5	5	1
Cryptosporidiosis	0	30	25	28	+	7.14%	0	0	0	0	0	0	0
E. coli O157:H7 #	6	103	43	49	+	110.20%	1	4	0	0	1	0	0
Giardiasis	48	717	654	690	+	3.91%	9	21	3	3	4	8	0
Listeria monocytogenes	1	5	14	12	-	58.33%	0	0	0	0	1	0	0
Salmonellosis	43	662	690	532	+	24.44%	7	15	3	5	7	6	0
Shigellosis	21	622	666	367	+	69.48%	4	9	1	4	3	0	0
Yersinia enterocolitica	2	13	8	12	+	8.33%	0	1	0	0	1	0	0
Respiratory													
Influenza (Lab Confirmed)	10	2429	1004	306	+	693.79%	2	4	1	0	1	1	1
Legionellosis	1	24	18	18	+	33.33%	0	1	0	0	0	0	0
Viral Hepatitis													
Hepatitis A	5	301	523	1030	-	70.78%	0	1	1	2	1	0	0
Hepatitis B	10	377	190	294	+	28.23%	1	3	0	0	1	4	1
Hepatitis C (Acute)	*												
Hepatitis C (Non-Acute)	*												
Zoonotic													
Ehrlichiosis	0	49	28	12	+	308.33%	0	0	0	0	0	0	0
Lyme Disease	0	43	63	46	-	6.52%	0	0	0	0	0	0	0
Rocky Mtn Spotted Fever	0	31	16	18	+	72.22%	0	0	0	0	0	0	0
Tularemia	1	25	17	15	+	66.67%	0	0	0	0	0	0	1
Other													
HIB Disease	0	17	10	10	+	70.00%	0	0	0	0	0	0	0
Malaria	2	14	13	11	+	27.27%	0	0	0	0	0	2	0
Meningococcal Disease	4	70	83	82	-	14.63%	0	2	1	0	0	1	0
* Hep C became reportable in 1997; it was previously included in Hepatitis Non A, Non B. Numbers to follow in future reports.													
Reportable diseases of very low incidence (<10 cases in previous year) are not included.													
--not divisible by zero													

1997 Population Estimates by Missouri Health District

Central (CD)	Eastern (ED)	Northeast (NE)	Northwest (NW)	Southeast (SE)	Southwest (SW)
679,600	1,893,900	249,200	1,276,300	545,400	757,600

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Confirmed Animal Rabies in Missouri
By Health District
January 2 - December 2, 2000



Confirmed Rabies in Animals

Species	November		YTD	
	# Exams	# Positive	# Exams	# Positive
Dog	56	0	605	0
Cat	63	0	700	0
Bat	32	1	991	44
Skunk	3	0	58	5
Fox	0	0	11	0
Cow	1	0	17	1
Horse	1	0	15	0
Ferret	0	0	12	0
Raccoon	7	0	161	0
Rodent/Rabbit	6	0	168	0
Other Domestic	1	0	7	0

Other Wild	5	0	36	0
Total				

Counties Under Rabies Alert: None

Active Surveillance System

Local health agencies have established surveillance sites that report clinical symptoms. This system is intended to rapidly assess changes in the community's health. The current reporting format was implemented in July, 1998.

Signs and Symptoms of Diseases or Conditions	2000	1999*	November 2000 by Health District					
	Nov	Nov	CD	ED	NE	NW	SE	SW
Animal Bites	234	135	32	6	6	97	52	41
Eye Redness w/drainage	1,382	922	337	130	81	326	320	188
Gastro Intestinal illnesses								
Diarrhea and/or vomiting	10,033	8,248	2,249	475	611	2,974	2,395	1,329
Other	1,356	410	35	343	88	461	201	228
Respiratory Illness								
Flu-like illness	7,265	6,933	1,521	430	648	2,252	1,540	874
Pneumonia	957	466	191	92	86	201	268	119
Other-URI	5,766	1,766	287	1,074	359	1,473	1,722	851
Strep	2,219	1,261	622	48	163	698	384	304
Mono	81	49	16	0	7	24	29	5
Rash Illnesses								
Chickenpox (varicella)	564	490	59	64	59	86	145	151
Shingles - (varicella zoster)	66	47	19	5	9	6	15	12
Fifth Disease	123	20	48	0	2	60	6	7
Hand, Foot & Mouth Disease	34	76	6	1	4	8	12	3
Other	411	208	140	6	22	78	89	76
Hepatitis								
Hepatitis A	8	25	0	0	0	5	3	0
Hepatitis B	9	3	1	0	1	2	2	3
Hepatitis C	65	30	4	0	3	29	7	22
Infestations								
Pediculosis	3,625	3,627	842	112	229	549	1,081	812
Scabies	128	75	23	3	6	51	25	20
Other	49	57	0	2	5	26	11	5
Central nervous system illnesses								
Encephalitis	1	0	0	0	0	0	0	1
Meningitis	21	7	2	0	2	5	4	8
Hypothermia	1	0	1	0	0	0	0	0
Hyperthermia	9	34	0	0	0	9	0	0
Other	14	17	0	0	0	3	8	3
*Does not include numbers for Eastern District								